









Ten Lecture Topics	
Topics	Sections in Shanmugan
Response of linear systems to random inputs	4.1, 4.2, 4.3
Discrete linear stochastic models	5.2
Detection of known signals (Part 1)	6.2, 6.3, 6.5
Detection of known signals (Part 2)	6.2, 6.3, 6.5
Mean-square error filtering and estimation,	7.2, 7.3
Wiener filters (Part 1)	7.5
Wiener filters (Part 2)	7.5, 7.7
Kalman filters (Part 1)	7.6
Kalman filters (Part 2)	7.6
Model-free and spectral estimation (Part 1)	9.3, 9.4
Model-free and spectral estimation (Part 2)	9.3, 9.4



































































